# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S12 | 135 | ((PLASMA AND (VAPOR ADJ DEPOSIT$3)) OR PECVD OR "PE-CVD" OR PCVD OR "P-CVD") AND (COAT$3 WITH (CONTAINER OR BOTTLE) WITH (INTERIOR OR INTERNAL)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/27 12:56 |
| S16 | 5 | ((CONTAINER OR BOTTLE) WITH (INTERNAL OR INTERIOR) WITH SURFACE) SAME PLASMA SAME (SIOXCYHZ OR "SIO.SUB.XC.SUB.YH.SUB.Z" OR SIOX OR "SIO.SUB.X") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 14:19 |
| S18 | 96 | (SIOXCYHZ OR "SIO.SUB.XC.SUB.YH.SUB.Z" OR (SI ADJ (OX OR "O.SUB.X") ADJ (CY OR "C.SUB.Y") ADJ (HZ OR "H.SUB.Z"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 14:20 |
| S19 | 33 | (SIOXCYHZ OR "SIO.SUB.XC.SUB.YH.SUB.Z" OR (SI ADJ (OX OR "O.SUB.X") ADJ (CY OR "C.SUB.Y") ADJ (HZ OR "H.SUB.Z"))) SAME PLASMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 14:51 |
| S22 | 41 | (SILOXANE OR $9ORGANOSILOXANE) SAME ((BOTTLE OR CONTAINER) WITH (INTERNAL OR INTERIOR)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 14:57 |
| S23 | 48 | (SILOXANE OR $9ORGANOSILOXANE OR ORGANOSILICON) SAME ((BOTTLE OR CONTAINER) WITH (INTERNAL OR INTERIOR)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 14:57 |
| S25 | 31 | PLASMA SAME DEPOSIT$3 SAME (SIOX OR "SIO.SUB.X") SAME STOICHIOMETRY | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/28 16:15 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S13 | 41 | ("ANG/SEC" OR "ANG/S" OR "ANG/MIN" OR ((ANG! OR ANGSTROM) ADJ (MIN! OR SEC!))) SAME PLASMA SAME (POLYMERIZ$5 OR DEPOSIT$3) SAME $4ORGANOSILOXANE | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 22:28 |
| S14 | 34 | PLASMA SAME (POLYMERIZ$5 OR DEPOSIT$3) SAME $4ORGANOSILOXANE SAME RATE | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 22:30 |
| S15 | 34 | PLASMA SAME ((DEPOSIT$3 OR POLYMERIZ$5) ADJ RATE) SAME ($4ORGANOSILOXANE OR SIOXCYHZ OR "SIO.SUB.X$") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 22:52 |
| S16 | 13 | (PLASMA and ((DEPOSIT$3 OR POLYMERIZ$5) ADJ RATE) AND ($4ORGANOSILOXANE OR SIOXCYHZ OR "SIO.SUB.X$")).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:01 |
| S17 | 25 | (PLASMA and ((DEPOSIT$3 OR POLYMERIZ$5) ADJ RATE) AND ($4ORGANOSILOXANE OR TETRAMETHYLDISILOXANE OR HEXAMETHYLDISILOXANE OR OCTAMETHYLTRISILOXANE OR OMCTS OR HMDS OR TMDS OR TMDSO OR SIOXCYHZ OR SILOXANE OR "SIO.SUB.X$")).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:12 |
| S18 | 33 | (PLASMA and ((DEPOSIT$3 OR POLYMERIZ$5) NEAR3 RATE) AND ($4ORGANOSILOXANE OR TETRAMETHYLDISILOXANE OR HEXAMETHYLDISILOXANE OR OCTAMETHYLTRISILOXANE OR OMCTS OR HMDS OR TMDS OR TMDSO OR SIOXCYHZ OR SILOXANE OR "SIO.SUB.X$")).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:39 |
| S21 | 150 | (PLASMA AND ((DEPOSIT$3 OR POLYMERIZ$5) NEAR3 RATE) AND ($4ORGANOSILOXANE OR TETRAMETHYLDISILOXANE OR HEXAMETHYLDISILOXANE OR OCTAMETHYLTRISILOXANE OR OMCTS OR HMDS OR TMDS OR TMDSO OR SIOXCYHZ OR SILOXANE OR "SIO.SUB.X$" OR (SILICON ADJ (OXIDE OR MONOXIDE)))).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:47 |

| S22 | 23 | (PLASMA AND ((DEPOSIT$3 OR POLYMERIZ$5) NEAR3 RATE) AND ($4ORGANOSILOXANE OR TETRAMETHYLDISILOXANE OR HEXAMETHYLDISILOXANE OR OCTAMETHYLTRISILOXANE OR OMCTS OR HMDS OR TMDS OR TMDSO OR SIOXCYHZ OR SILOXANE OR "SIO.SUB.X$" OR (SILICON ADJ (OXIDE OR MONOXIDE))) AND ((ANG OR NM OR MICRON) ADJ (MIN OR SEC))).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:51 |
|-----|------|------|------|------|------|------|
| S23 | 86 | (PLASMA AND (DEPOSIT$3 ADJ RATE) AND ("SIO.SUB.X$" OR (SILICON ADJ OXIDE))).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/14 23:55 |
| S24 | 38 | (PLASMA AND (DEPOSIT$3 ADJ RATE) AND ("SIO.SUB.X$" OR (SILICON ADJ OXIDE)) AND ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))).CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:24 |
| S27 | 170 | (PLASMA AND (DEPOSIT$3 ADJ RATE) AND ("SIO.SUB.X$" OR (SILICON ADJ OXIDE)) AND (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO) AND ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:35 |
| S28 | 2 | (PLASMA SAME (DEPOSIT$3 ADJ RATE) SAME ("SIO.SUB.X$" OR (SILICON ADJ OXIDE)) SAME (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:25 |

| S29 | 24 | (PLASMA SAME (DEPOSIT$3 ADJ RATE) SAME ("SIO.SUB.X$" OR (SILICON ADJ OXIDE)) SAME (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO OR ORGANOSILOXANE OR SILOXANE OR SILANE ) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:34 |
|-----|------|---|---|---|---|---|
| S33 | 1141 | (PLASMA AND (DEPOSIT$3 ADJ RATE) AND ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) AND (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE) AND ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:43 |
| S34 | 49 | (PLASMA SAME (DEPOSIT$3 ADJ RATE) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S!))) AND (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:55 |

| S36 | 141 | ((PLASMA SAME (DEPOSIT$3 OR POLYMERIZ$5) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S! OR M!))) AND (TETRAMETHYLDISILOXANE OR TMDS OR TMDSO OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:56 |
| S37 | 141 | ((PLASMA SAME (DEPOSIT$3 OR POLYMERIZ$5) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S! OR M!))) AND (TETRAMETHYLDISILOXANE OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:01 |
| S38 | 37 | ((PLASMA SAME (DEPOSIT$3 OR POLYMERIZ$5) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((A! OR ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S! OR M!))) SAME (TETRAMETHYLDISILOXANE OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:58 |

| S39 | 15 | ((PLASMA SAME (DEPOSIT$3 OR POLYMERIZ$5) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S! OR M!))) SAME (TETRAMETHYLDISILOXANE OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 00:58 |
|-----|-----|-----|-----|-----|-----|-----|
| S40 | 77 | ((PLASMA SAME (DEPOSIT$3 OR POLYMERIZ$5) SAME ("SIO.SUB.X$" OR (SILICON ADJ $3OXIDE)) SAME ((ANG OR ANGSTROM OR MU OR MICRON OR MICROMETER OR NM OR NANOMETER) NEAR2 (MINUTE OR MIN OR SECOND OR SEC OR S! OR M!))) AND (TETRAMETHYLDISILOXANE OR $8ETHOXYSILANE OR $8ETHYLSILANE OR $8ETHYLDISILOXANE OR $8ETHYLSILAZANE OR ORGANOSILOXANE OR ORGANOSILANE OR SILOXANE)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:16 |
| S42 | 61 | (PORO$6) WITH (GRAD$3 OR INCREAS$3 OR DECREAS$3) WITH (INJECTOR OR DISPENSER) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:29 |
| S43 | 11 | (PLASMA WITH (VAPOR OR GAS)) SAME ((INJECTOR OR DISPENSER) WITH (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:31 |
| S44 | 1698 | (PLASMA WITH (VAPOR OR GAS)) AND ((GRAD$3 OR INCREAS$3) NEAR3 (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:32 |
| S45 | 189 | (PLASMA WITH (VAPOR OR GAS)) AND ((GRAD$3 OR INCREAS$3) NEAR3 (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) AND (PRESSURE ADJ DROP) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:32 |

# EAST Search History

| S46 | 128 | (PLASMA WITH (VAPOR OR GAS)) AND ((GRAD$3 OR INCREAS$3) NEAR1 (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) AND (PRESSURE ADJ DROP) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:33 |
|---|---|---|---|---|---|---|
| S47 | 127 | (PLASMA WITH (VAPOR OR GAS)) AND ((GRAD$3 OR INCREAS$3) NEAR1 (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) AND (PRESSURE ADJ DROP) AND (DEPOSIT$3 OR COAT$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:33 |
| S48 | 107 | ((PLASMA WITH (VAPOR OR GAS)) WITH (DEPOSIT$3 OR COAT$3)) AND ((GRAD$3 OR INCREAS$3) NEAR1 (POROSITY OR PORE OR POROSIT$3 OR POROUS OR POROUSNESS)) AND (PRESSURE ADJ DROP) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:35 |
| S57 | 155 | ((MEMBER OR INJECTOR OR VAPORIZER OR MEMBRANE)) SAME (PORO$4 OR PERFORAT$3 OR PERMEAB$6) SAME PLASMA SAME (CONTAINER OR BOTTLE) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:48 |
| S58 | 54 | ((MEMBER OR INJECTOR OR VAPORIZER)) SAME (PORO$4 OR PERFORAT$3 OR PERMEAB$6) SAME PLASMA SAME (CONTAINER OR BOTTLE) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:53 |
| S68 | 250 | ((GRADED OR INCREAS$3) ADJ POROSITY) AND (CONTAINER OR BOTTLE) AND FLUX | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:58 |
| S69 | 67 | ((GRADED OR INCREAS$3) ADJ POROSITY) WITH TUBE | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/15 01:59 |
| S71 | 4 | ((FEED OR DELIVERY) ADJ TUBE) SAME (PERFORAT$3 OR POROUS$4 OR POROSITE OR PORE) SAME ((GRAD$3 OR INCREAS$3) NEAR3 (PERMEA$7 OR PORO$6 OR PORES OR HOLES)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/17 00:36 |
| S72 | 25 | ((FEED OR DELIVERY) ADJ TUBE) WITH (PERFORAT$3 OR POROUS$4 OR POROSITE OR PORE) AND ((GRAD$3 OR INCREAS$3) NEAR3 (PERMEA$7 OR PORO$6 OR PORES OR HOLES)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/17 00:36 |